

REMARKS

Claims 89, 108-134, 137-139, 142-160, 211-236 and 297-318 are pending. Claims 89 and 236 have been canceled as being drawn to non-elected inventions, without prejudice to applicants' right to pursue the non-elected subject matter in one or more divisional applications.

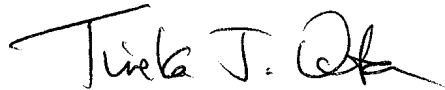
Election of Invention

In response to the restriction requirement mailed on January 14, 2010, applicants elect the claims of Group II (Claims 108-134, 137-139, 142-160, 211-235 and 297-318), drawn to a method, computer program product, and system for determining whether a first trait T1 is causal for a second trait T2 in a plurality of organisms of a species, for initial examination, without traverse.

The Examiner is requested to contact applicants' representative at the telephone number set forth below to discuss any issues that may facilitate prosecution of this application.

Respectfully submitted,

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